KARTHIK M

SENIOR SOFTWARE ENGINEER

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Professional Summary

Results-driven Senior Software Engineer with 5+ years of experience in backend development, specializing in Golang, scalable microservices, and cloud-native solutions. Proven track record of leading cross-functional teams, optimizing system performance, and delivering high-impact projects. Adept at gRPC, Docker, CI/CD pipelines, and enterprise system design. Passionate about mentoring junior developers and driving technical excellence.

Work Experience

SEIDOR OPENTRENDS

Senior Software Engineer, **Aug 2021 - Present**

- Led a Proof of Concept (PoC) in Golang for Attendance Management, using MongoDB and GraphQL.
- Designed and deployed CI/CD pipelines on Azure App Services.
- Developed a microservice go app with monorepo using gRPC , Docker & Nexus Repository Cloud
- Built a custom E-commerce portal on Magento 2.4.3 for Base.net, including custom Content-Type, Plugins, Extensions,GraphQL endpoints.
- Experience on vinea PWA apps (Headless) & Theme customization including Hyva.
- Upgraded legacy Magento installations to the latest stable version.
- Mentored 3 junior engineers, conducted code reviews, and optimized PR workflows.
- Configured Jenkins pipelines for CI/CD, implementing automated testing, linting, and container image builds; deployed applications to an OKD (OpenShift) Kubernetes environment using Kubernetes manifests

VERBALCODES TECHNOLOGIES

Founder & CTO, Jan 2018 - July 2021

- Engineered modular REST APIs for e-commerce platforms, improving throughput by 25%.
- Developed Content Management System for website on wordpress .
- Revamped database schema and queries for a CMS, reducing page load time by 50%.
- Customized a web-based video conferencing app using BigBlueButton.
- Implemented GitLab pipelines with Docker for CI/CD processes thus cutting release cycles by 35%.
- Developed a custom Loan Application Management system with end-to-end workflow automation.

NETSTAGER TECHNOLOGIES PVT .LTD

Software Engineer Intern , June 2017 - Jan 2018

- Prototyped a 3D product renderer using WebGL and Three.js.
- Developed APIs and backend systems for mobile and web platforms.

Skills

- Golang, PHP, JavaScript,
- Laravel, Magento, gqlgen, jQuery
- MySQL, MariaDB, MongoDB, GraphQL
- Strapi, gRPC, Docker, Kubernetes,
- OpenShift/OKD, AzureAppServices,
- Jenkins CI/CD, Nexus Repository,

Additional Skills

- Apache Solr ,ElasticSearch
- Wordpress , Keycloak
- MySQL, GraphQL , MySQL , MariaDB
- JavaScript, jQuery,Node.js
- Html , Bootstrap , Tailwind
- Firebase , APIs ,
- Docker ,Git
- Software design & Testing
- Critical Thinking
- Spec-Driven Development with AI
- Debugging,Teamwork ,Team Leadership

Tools

- Gitlab BitBucket, Jira, Redmine, Visual Studio Code, Sublime ,Figma , Docker, Git, Azure App Services

Methodologies

- Waterfall, Scrum, Agile

Education Highlights

- **Master of Computer Applications (Regular)**
  Marian College Kuttikkanam - 2018 - 2020
- **Bachelor of Computer Applications (Regular)**
  College of Applied Science ,IHRD - 2014 - 2017

Courses / Certifications

- Adobe Certified Expert - Adobe Commerce Developer
- Intellipaat Apache Solr
- API Academy API Designer
- IBM Blockchain Essentials by IBM
- Deep Learning Fundamentals By Cognitive Class.
- Google Mobile Sites Certification
- Various Udemy Certifications & LinkedIn Skill Assessment Badges

Achievements

- Employee of the month October - 2021
- Being an active contributor to the first AR College Magazine in India.